

Tuesday 11/1/2016 4:51:57 PM

## Travel Time &amp; Delay Report for US 67 (Lindbergh Blvd) - MD

## Legend:

<b>CTT:</b>	Summarized Cumulative Travel Time since beginning of Run (seconds)
<b>CTL:</b>	Summarized Cumulative Travel Distance since beginning of Run (feet)
<b>CDL:</b>	Summarized Cumulative User-specified Design Distance since beginning of Run (feet)
<b>CD:</b>	Summarized Cumulative Delay since beginning of Run (seconds) = CTT - CRT
<b>CRT:</b>	Summarized Cumulative Running Time (seconds) = accumulation of DL/DS since beginning of Run
<b>CPLSD:</b>	Summarized Cumulative Posted Speed Limit Delay since beginning of Run (seconds)
<b>CPLRT:</b>	Summarized Cumulative Posted Speed Limit Running Time, or Travel Time since beginning of Run if maintaining Posted Speed Limit (seconds) = accumulation of DL/PLS since beginning of Run
<b>CMxSD:</b>	Summarized Cumulative Maximum-Speed Delay since beginning of Run (seconds)
<b>CMinRT:</b>	Summarized Cumulative Minimum Running Time, or Travel Time since beginning of Run if maintaining Maximum Speed (seconds) = accumulation of DL/MxS since beginning of Run
<b>CStopD:</b>	Summarized Cumulative Stopped Delay since beginning of Run (seconds). The "Stopped Delay" is counted from when the speed drops below 5 mph after exceeding 15 mph until it exceeds 15 mph once again
<b>CBS1T:</b>	Summarized Cumulative Time spent Below Speed #1 (10 mph) since beginning of Run (seconds)
<b>CAS1T:</b>	Summarized Cumulative Free-Flow Travel Time (spent Above Speed #1 (10 mph)) since beginning of Run (seconds) = CTT - CBS1T
<b>CBS2T:</b>	Summarized Cumulative Time spent Below Speed #2 (30 mph) since beginning of Run (seconds)
<b>CAS2T:</b>	Summarized Cumulative Free-Flow Travel Time (spent Above Speed #2 (30 mph)) since beginning of Run (seconds) = CTT - CBS2T
<b>CAS:</b>	Summarized Cumulative Actual Average Speed since beginning of Run (mph) = CTL/CTT
<b>CStops:</b>	Summarized Cumulative number of Stops in Run. A "Stop" is counted when the speed drops below 5 mph after exceeding 15 mph
<b>CGST:</b>	Summarized Cumulative Time Elapsed from presumed Start of Through Green to Vehicle Startup (seconds). A "Stop" is counted when the speed drops below 5 mph after exceeding 15 mph
<b>CGCT:</b>	Summarized Cumulative Time Elapsed from presumed Start of Through Green to this Node Crossing (seconds)
<b>CQDL:</b>	Summarized Cumulative Travel Distance from Vehicle Startup after last Stop to Node Crossing (feet). A "Stop" is counted when the speed drops below 5 mph after exceeding 15 mph
<b>CLN:</b>	Summarized Cumulative Number of Links in Run
<b>TV:</b>	Summarized Through Volume (vph)

## Cumulative Summary of runs Northbound from Litzsinger (#101)

6 Neither-type runs, collected Thursday 10/6/2016 to Thursday 10/6/2016, over day(s) Thu, with starting times during 11:10:59 AM to 12:45:51 PM

7 Before-type runs, collected Thursday 9/18/2014 to Thursday 9/18/2014, over day(s) Thu, with starting times during 11:09:28 AM to 12:55:58 PM

2 After-type runs, 2 of unverifiable origin, collected Thursday 11/5/2015 to Thursday 11/5/2015, over day(s) Thu, with starting times during 11:01:03 AM to 12:26:36 PM

	CTT	CTL	CDL	CD	CRT	CPLSD	CPLRT	CMxSD	CMinRT	CStopD	CBS1T	CAS1T	CBS2T	CAS2T	CAS	CStops	CGST	CGCT	CQDL	CLN	TV
to CP #2 (MO 340) (#2)																					
Average Neither (n=6)	360	17384	17313	65	295	-112	472	87	274	51	52	309	98	263	33.1	2.0	66.0	306.1	243	8	0
Std Dev Neither (n=6)	31	39	0	31	0	31	0	28	5	25	25	6	35	15	2.6	1.1	58.1	119.8	199	8	0
Average Before (n=7)	369	17351	17313	74	295	-103	472	85	284	59	59	310	90	280	32.3	1.4	72.9	317.9	104	8	0
Std Dev Before (n=7)	33	17	0	33	0	33	0	32	3	30	30	6	38	10	2.9	0.8	62.8	123.0	138	8	0
Average After (n=2)	369	17330	17313	73	295	-104	472	78	291	51	51	318	92	276	32.1	2.0	132.3	417.4	253	8	0
Std Dev After (n=2)	11	11	0	11	0	11	0	6	5	6	8	4	14	3	1.0	0.0	51.3	123.2	180	8	0
Difference	-1	-21	0	-1	0	-1	0	-8	7	-8	-8	8	2	-3	-0.2	0.6	59.4	99.5	149	8	0
Std Dev Difference	35	20	0	35	0	35	0	32	6	31	31	7	40	11	3.1	0.8	81.1	174.1	226	8	0
% Difference	0%	0%	0%	-1%	0%	-1%	0%	-9%	2%	-14%	-14%	2%	3%	-1%	-0.5%	40.0%	81.5%	31.3%	144%	8	0

**Cumulative Summary of runs Southbound from CP #2 (MO 340) (#2)**

7 Neither-type runs, collected Thursday 10/6/2016 to Thursday 10/6/2016, over day(s) Thu, with starting times during 11:01:33 AM to 12:54:26 PM

13 Before-type runs, 6 of unverifiable origin, collected Thursday 9/18/2014 to Thursday 9/18/2014, over day(s) Thu, with starting times during 11:01:28 AM to 12:45:10 PM

7 After-type runs, 7 of unverifiable origin, collected Thursday 11/5/2015 to Thursday 11/5/2015, over day(s) Thu, with starting times during 11:07:53 AM to 12:50:58 PM

	CTT	CTL	CDL	CD	CRT	CPLSD	CPLRT	CMxSD	CMinRT	CStopD	CBS1T	CAS1T	CBS2T	CAS2T	CAS	CStops	CGST	CGCT	CQDL	CLN	TV
<b>to Litzsinger (#101)</b>																					
Average Neither (n=7)	360	17372	17313	59	301	-113	472	99	261	53	55	305	107	253	33.6	1.9	34.3	274.4	275	8	0
Std Dev Neither (n=7)	53	53	0	53	0	53	0	50	5	43	43	16	58	14	5.0	1.3	41.0	95.5	221	8	0
Average Before (n=13)	388	17361	17313	87	301	-85	472	102	285	71	70	317	115	273	30.7	2.2	83.8	301.1	209	8	0
Std Dev Before (n=13)	32	21	0	32	0	32	0	30	6	28	28	6	34	6	2.6	0.7	76.2	78.2	181	8	0
Average After (n=7)	394	17347	17313	93	301	-79	472	98	295	59	60	334	124	270	30.7	2.1	117.4	458.2	250	8	0
Std Dev After (n=7)	61	32	0	61	0	61	0	61	3	54	53	11	76	16	4.7	1.8	106.5	123.5	202	8	0
Difference	6	-14	0	6	0	6	0	-4	10	-12	-11	16	9	-3	-0.1	0.0	33.6	157.1	41	8	0
Std Dev Difference	69	39	0	69	0	69	0	68	7	61	60	13	83	18	5.3	1.9	131.0	146.1	271	8	0
% Difference	2%	0%	0%	7%	0%	7%	0%	-4%	4%	-17%	-15%	5%	8%	-1%	-0.2%	-0.5%	40.0%	52.2%	20%	8	0

**Cumulative Summary of all runs, either direction through artery**

13 Neither-type runs, collected Thursday 10/6/2016 to Thursday 10/6/2016, over day(s) Thu, with starting times during 11:08:19 AM to 1:00:31 PM

20 Before-type runs, 6 of unverifiable origin, collected Thursday 9/18/2014 to Thursday 9/18/2014, over day(s) Thu, with starting times during 11:06:31 AM to 1:00:44 PM

9 After-type runs, 9 of unverifiable origin, collected Thursday 11/5/2015 to Thursday 11/5/2015, over day(s) Thu, with starting times during 11:05:58 AM to 12:56:58 PM

	CTT	CTL	CDL	CD	CRT	CPLSD	CPLRT	CMxSD	CMinRT	CStopD	CBS1T	CAS1T	CBS2T	CAS2T	CAS	CStops	CGST	CGCT	CQDL	CLN	TV
<b>to End of Arterial Section</b>																					
Average Neither (n=13)	360	17378	17313	62	298	-112	472	93	267	52	53	307	103	257	33.3	1.9	49.0	289.1	260	16	0
Std Dev Neither (n=13)	43	46	0	43	3	43	0	40	8	35	34	12	47	14	3.9	1.2	50.2	103.9	203	16	0
Average Before (n=20)	381	17358	17313	83	299	-91	472	96	285	67	66	315	106	275	31.3	1.9	80.0	307.0	172	16	0
Std Dev Before (n=20)	33	20	0	32	3	33	0	31	5	28	28	7	37	8	2.7	0.8	70.3	93.3	171	16	0
Average After (n=9)	388	17343	17313	89	299	-84	472	94	294	57	58	330	117	271	31.0	2.1	120.7	449.1	251	16	0
Std Dev After (n=9)	54	29	0	54	2	54	0	54	4	47	46	12	67	15	4.1	1.5	94.2	116.8	186	16	0
Difference	7	-14	0	6	1	7	0	-3	10	-10	-9	15	11	-4	-0.3	0.2	40.7	142.1	79	16	0
Std Dev Difference	63	35	0	62	4	63	0	62	7	55	54	14	77	17	4.9	1.7	117.6	149.5	252	16	0
% Difference	2%	0%	0%	7%	0%	7%	0%	-3%	3%	-15%	-13%	5%	10%	-1%	-0.9%	11.1%	50.9%	46.3%	46%	16	0